

LISTING OF THE CLAIMS

1. (Original) In a data transmission system for transporting data packets created according to a defined data protocol for processing data, the protocol including

a) a process for computing an error detection code to be included in a packet transported by the system and

b) a process for detecting possible errors in the packet by utilizing such error detection code,

a method for tagging a special data packet, comprising the steps of:

1) examining the special data packet without the error detection code;

2) determining, from the examining step, additional data to be included with the special data packet in order to cause the error detection process to compute a predetermined sequence of error detection code; and

3) modifying the special data packet by including the additional data determined by the determining step.

2. (Original) A method for tagging a special data packet, as recited in claim 1, in which the predetermined sequence is composed of identical symbols.

3. (Original) In a data transmission system for transporting data packets created according to a defined data protocol for processing data, the protocol including

a) a process for computing an error detection code to be included in a packet transported by the system and

b) a process for detecting possible errors in the packet by utilizing such error detection code,

a method for detecting a special data packet, comprising the steps of:

1) identifying, by reference to the data protocol, error detection code associated with a data packet;

2) comparing the error detection code with a predetermined sequence; and

3) determining the data packet to be a special tagged data packet when the comparing step results in a match.

4. (Original) A method for tagging a special data packet, as recited in claim 3, in which the predetermined sequence is composed of identical symbols.

5. (Original) In a data transmission system for transporting data packets created according to a defined data protocol for processing data, a method for tagging a special data packet, comprising the steps of:

- 1) defining a subset of data within the special data packet, excluding any error correcting code contained in the packet;
- 2) by utilizing a suitable algorithm for generating a code sequence as a function of the data subset, determining what additional data which, when added to the subset, causes the algorithm to generate a predetermined code sequence; and
- 3) adding the additional data to the data packet.

6. (Original) A method for tagging a special data packet, as recited in claim 5, in which the predetermined sequence is composed of identical symbols.

7. (Original) In a data transmission system for transporting data packets created according to a defined data protocol for processing data, a method for detecting a special data packet, comprising the steps of:

- 1) identifying a predefined subset of data within a trial data packet;
- 2) generating a code sequence as a function of the subset by utilizing a suitable algorithm;
- 3) comparing the generated code sequence with a predetermined sequence; and
- 4) identifying the trial data packet as a special data packet when the comparing step results in a match.

8. (Original) A method for detecting a special data packet, as recited in claim 7, in which the predetermined sequence is composed of identical symbols.